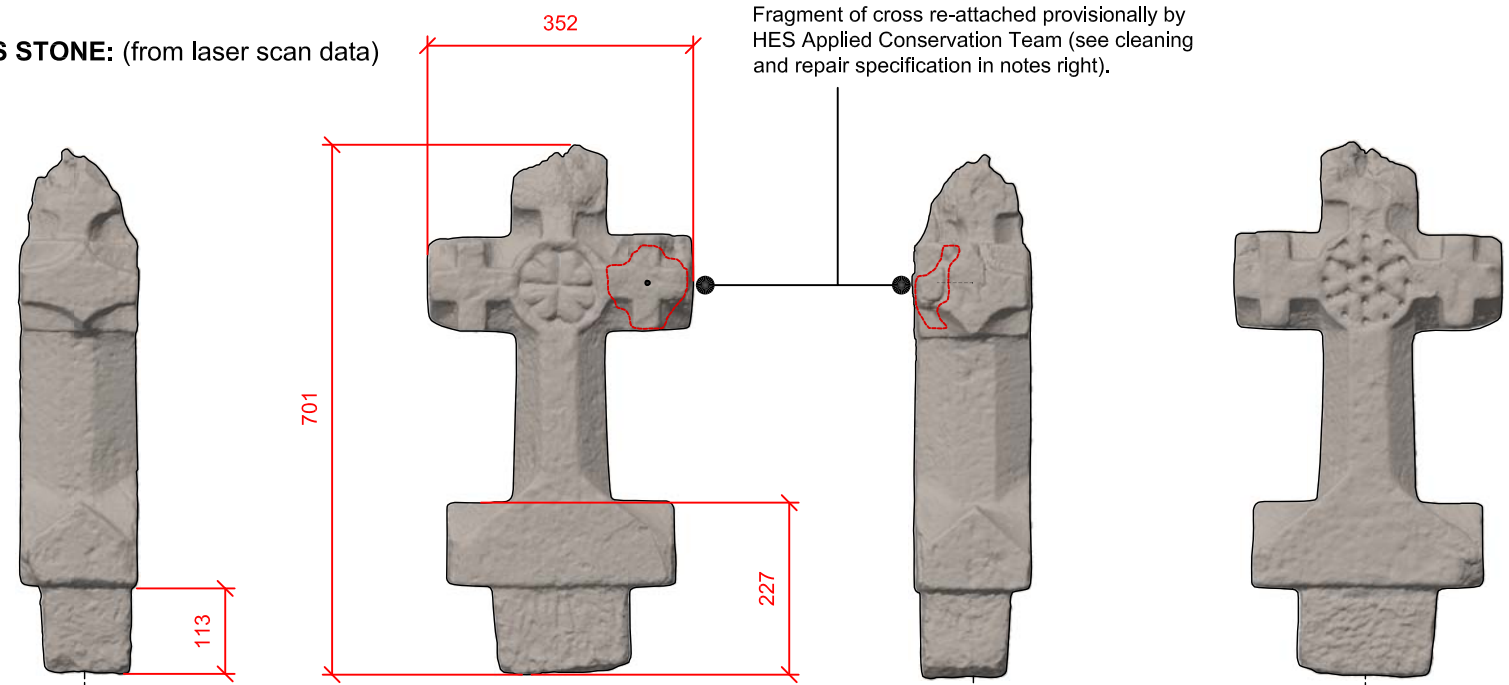
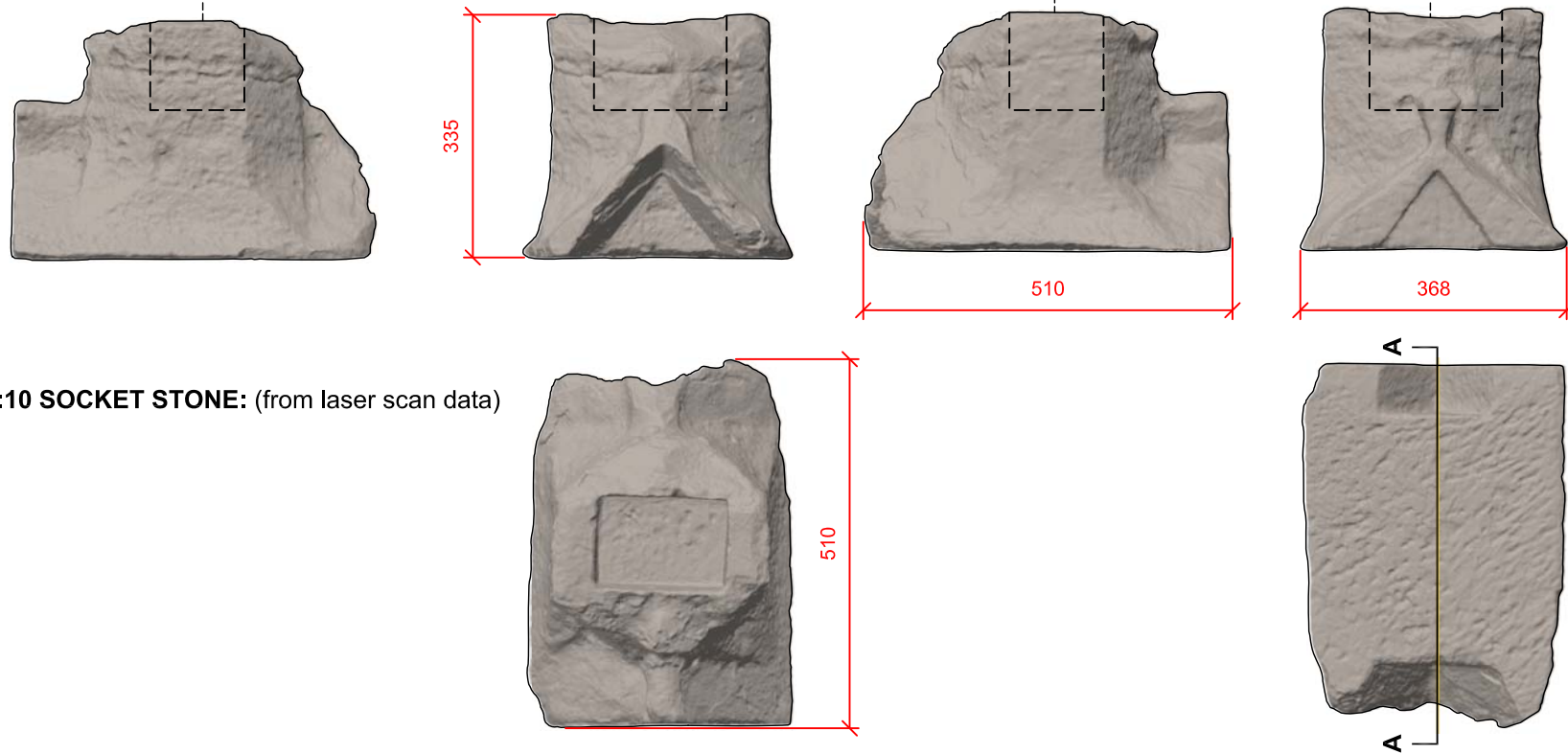


1:10 CROSS STONE: (from laser scan data)



1:10 SOCKET STONE: (from laser scan data)



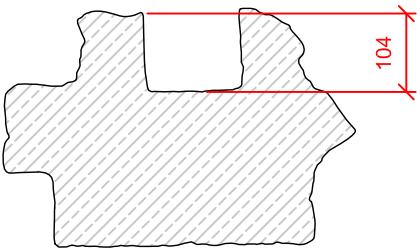
Notes:

CROSS STONE CONSERVATION WORK

- All cleaning and repair work to cross (provisionally) to be carried out by HES South Gyle Conservation Centre
- Stones to be cleaned using a low pressure dental steam cleaner and soft nylon brushes to remove the light biological growth of lichen and green biofilm to permit the necessary repairs.
- On workbench hairline fractures around the top of the cross and to its two arms to be consolidated by injection of fluid resin based on Paraloid B72 in acetone at 2.5% mass/volume. Open edges and fractures then to be pointed with an acrylic mortar based on Paraloid B72 in Acetone at between 5 & 10% mass/volume mixed with matching crushed stone dust.
- The small detached fragment when offered up is a good fit. On workbench, fragment to be set with styrene resin pads kept back from the weathered face, and a single 6mm stainless steel pin. Holes to accommodate the pin to be carefully drilled into the broken exposed face and rear of the fragment using a non percussion drill. Hole depth to stop back from face of fragment. Dowel to be centred on the middle of the fragment. The exposed edges to be pointed to a depth of around 10mm with a sacrificial acrylic mortar.
- Both stones can then be returned to site and rebuilt onto the bellcote using a suitable hydraulic lime mortar.

Revisions:

REV A: 31/10/2016 [SD] - cleaning/repair specification added.



Section AA

SMC

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|----------|---|
| MONUMENT | CROSSRAGUEL ABBEY |
| PROJECT | BELLCOTE CROSS & COPING STONE RE-INSTALLATION CROSS STONE CONSERVATION PROPOSALS |



| | | | |
|------------------------|----------|-----------------|-----------|
| PROJECT DRAWING NUMBER | | 189-160909-002A | |
| SCALE | 1:10@A3 | ARCHITECT | P.BEATON |
| DATE | 19/09/16 | DRAWN BY | S.DEASLEY |
| ARCHIVE NUMBER | | - | |